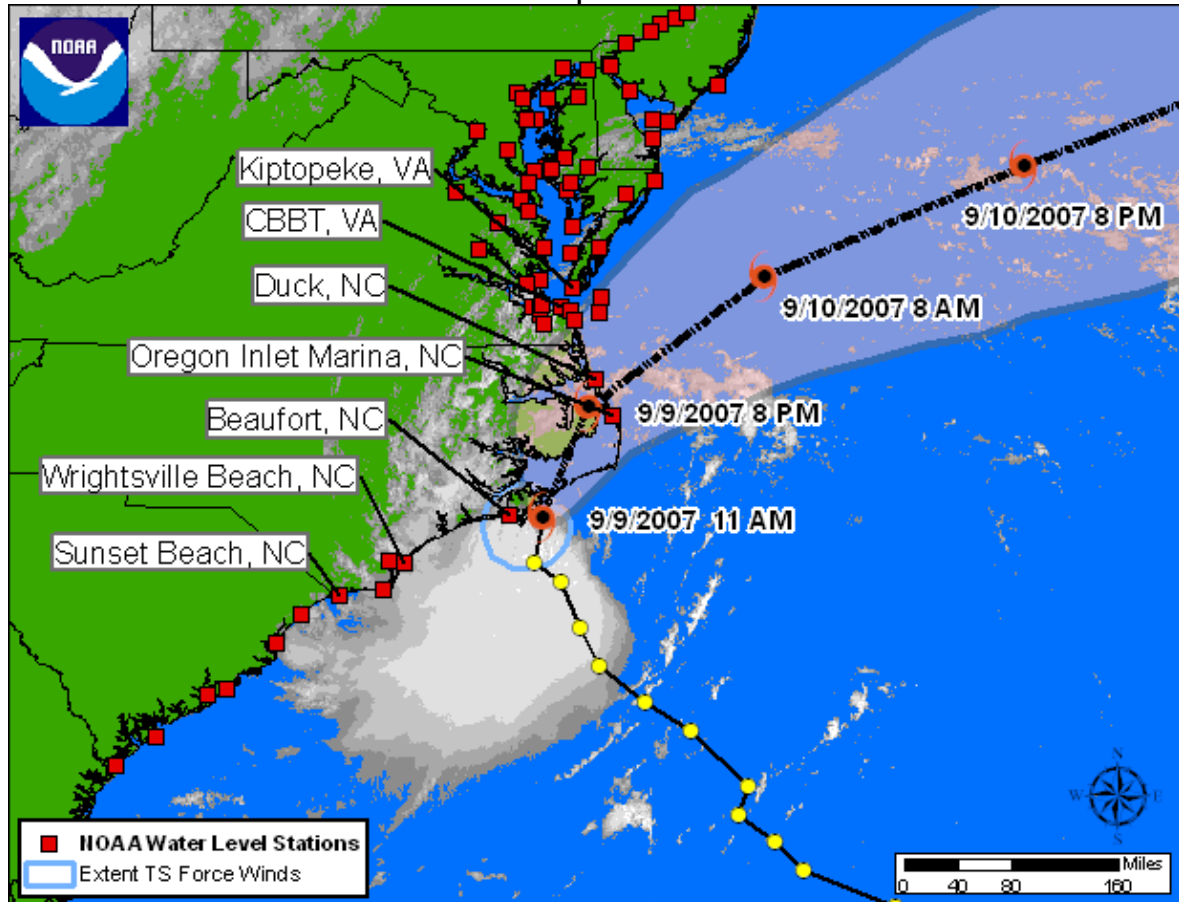




Tropical Storm GABRIELLE QUICKLOOK  
Posted: 11:30 EDT 09/09/2007

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

Water level and meteorological plots below are updated automatically.

As of 9/9/2007 1130 EDT water levels along North Carolina coast and at the mouth of the Chesapeake Bay remain near or at predicted. Barometric (sea level) pressure is falling.

Next high tide predictions

Sunset Beach, NC: 1858 EDT 5.7 ft (1.7 m)  
Beaufort, NC: 1936 EDT 3.9 ft (1.2 m)  
Wrightsville Beach, NC: 1848 EDT 4.7 ft (1.4 m)  
Oregon Inlet Marina, NC: 1930 EDT 1.3 ft (0.4 m)  
Duck, NC: 1902 EDT 3.9 ft (1.2 m)  
CBBT, VA: 1959 EDT 3.1 ft (0.94 m)  
Kiptopeke, VA: 2022 EDT 3.1 ft (0.94 m)

For more data, please see the [CO-OPS Tides & Currents page](#). For information about this product, please see the [Storm QuickLook homepage](#).

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**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:**

**ADVISORY NUMBER 8  
1100 AM EDT SUN SEP 09 2007**

**...GABRIELLE ABOUT TO MAKE LANDFALL IN NORTH CAROLINA...**

**A TROPICAL STORM WARNING REMAINS IN EFFECT FROM SURF CITY NORTH CAROLINA NORTHWARD TO CAPE CHARLES LIGHT VIRGINIA...INCLUDING THE PAMLICO AND ALBEMARLE SOUNDS.**

**A TROPICAL STORM WATCH REMAINS IN EFFECT IN SOUTHEASTERN VIRGINIA FOR THE LOWER CHESAPEAKE BAY SOUTH OF NEW POINT COMFORT.**

**AT 1100 AM EDT...1500Z... ABOUT 20 MILES... 30 KM...EAST-NORTHEAST OF CAPE LOOKOUT NORTH CAROLINA.**

**MAXIMUM SUSTAINED WINDS ARE NEAR 50 MPH...85 KM/HR...WITH HIGHER GUSTS...OVER A SMALL AREA NEAR THE CENTER.**

**TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 45 MILES...75 KM FROM THE CENTER.**

**THE MINIMUM CENTRAL PRESSURE JUST REPORTED BY AN AIR FORCE RECONNAISSANCE AIRCRAFT WAS 1006 MB...29.71 INCHES.**

**COASTAL STORM SURGE FLOODING OF 2 TO 3 FEET IS POSSIBLE WITHIN THE WARNING AREA AS GABRIELLE PASSES OVER THE OUTER BANKS.**

**GABRIELLE IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS OF 1 TO 3 INCHES ACROSS THE OUTER BANKS AND SOUNDS OF EASTERN NORTH CAROLINA AND...WITH ISOLATED MAXIMUM AMOUNTS OF 5 INCHES. RAINFALL AMOUNTS OF 1 TO 2 INCHES ARE POSSIBLE OVER EXTREME SOUTHEASTERN VIRGINIA...NEAR THE NORTHEASTERN NORTH CAROLINA BORDER.**

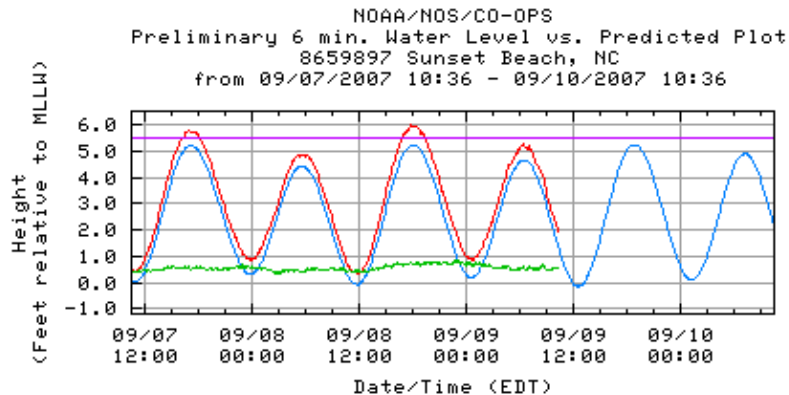
**THERE IS A SLIGHT POSSIBILITY OF ISOLATED TORNADOES OVER THE OUTER BANKS TODAY.**

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**Water level analyst: LH**

For the purpose of timely release, data contained within this QUICKLOOK have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Sunset Beach - Water Level](#), [Beaufort - Water Level](#), [Wrightsville Beach - Water Level](#), [Wrightsville Beach - Winds](#), [Wrightsville Beach - Barometric](#), [Oregon Inlet Marina - Water Level](#), [Duck - Water Level](#), [Duck - Barometric](#), [Chesapeake Bay Bridge Tunnel - Water Level](#), [Chesapeake Bay Bridge Tunnel - Winds](#), [Chesapeake Bay Bridge Tunnel - Barometric](#), [Kiptopeke - Water Level](#),

**Sunset Beach, NC - Station Map** [Return to List](#)

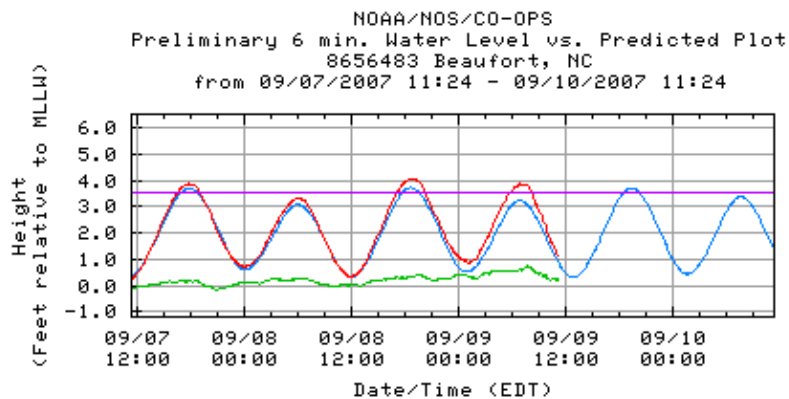


Last Observed Sample: 09/09/2007 10:24 (EDT)

Relative to **MLLW**: **Observed: 1.93 ft. Predicted: 1.36 ft. Residual: 0.57 ft.**

Historical Maximum Water Level: n/a

**Beaufort, NC - Station Map** [Return to List](#)

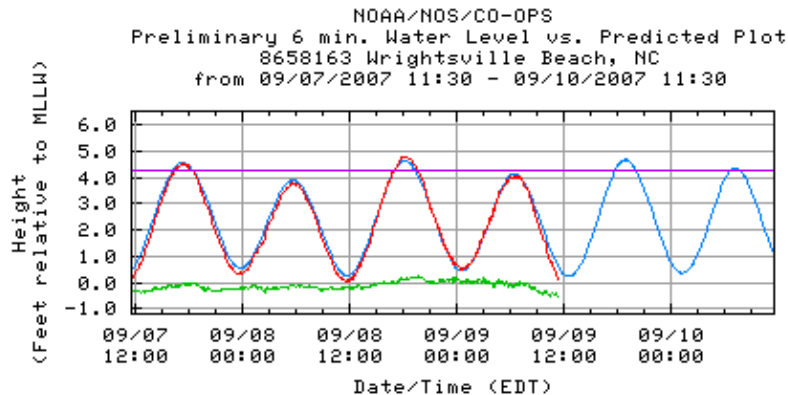


Last Observed Sample: 09/09/2007 11:12 (EDT)

Relative to **MLLW**: **Observed: 1.16 ft. Predicted: 0.91 ft. Residual: 0.25 ft.**

Historical Maximum Water Level: 09/16/1999, 2.74 ft. above **MHHW**

**Wrightsville Beach, NC - Station Map** [Return to List](#)

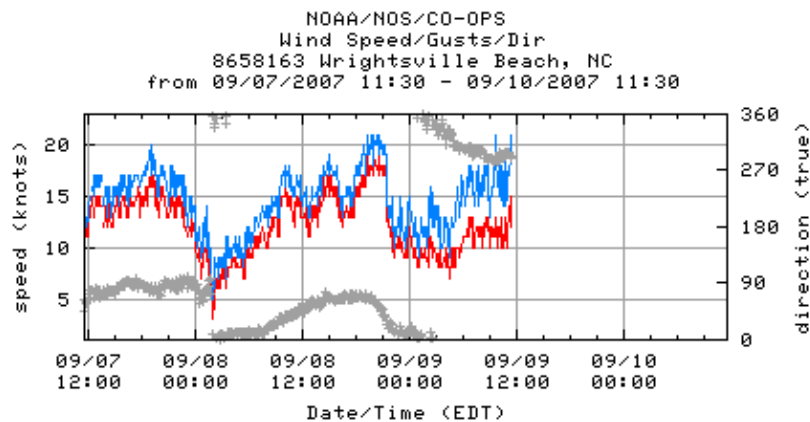


Last Observed Sample: 09/09/2007 11:18 (EDT)

Relative to **MLLW**: **Observed: 0.12 ft. Predicted: 0.62 ft. Residual: -0.50 ft.**

Historical Maximum Water Level: n/a

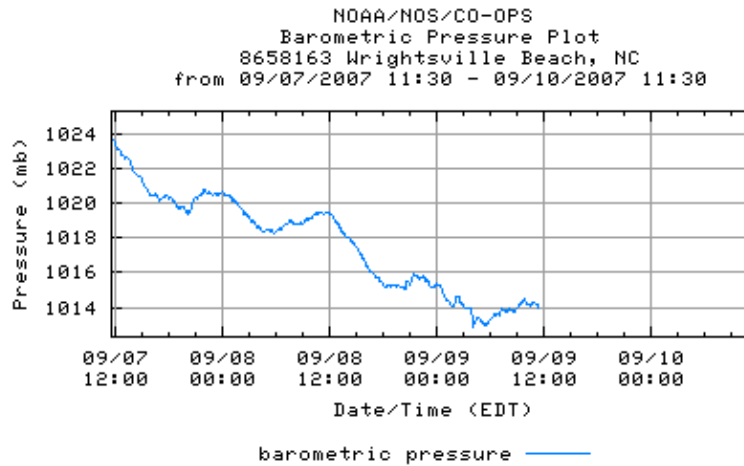
**Wrightsville Beach, NC - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2007 11:18 (EDT)

**Wind Speed: 15 knots Gusts: 21 knots Direction: 294° T**

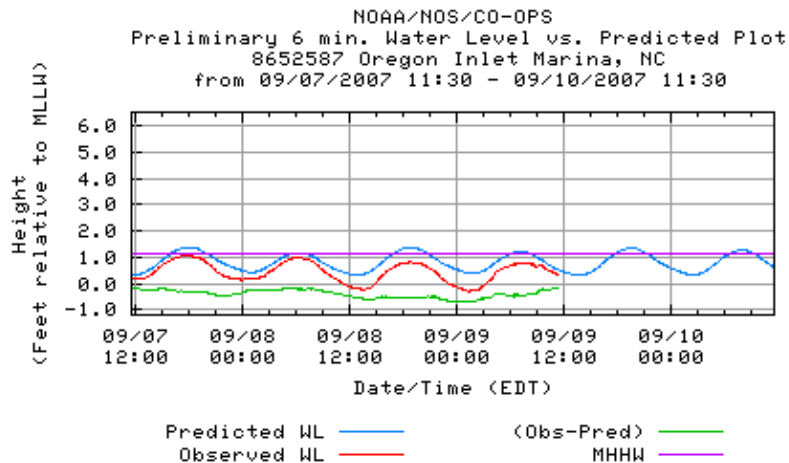
**Wrightsville Beach, NC - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2007 11:18 (EDT)

Barometric Pressure: 1014.0 mb

**Oregon Inlet Marina, NC - Station Map** [Return to List](#)

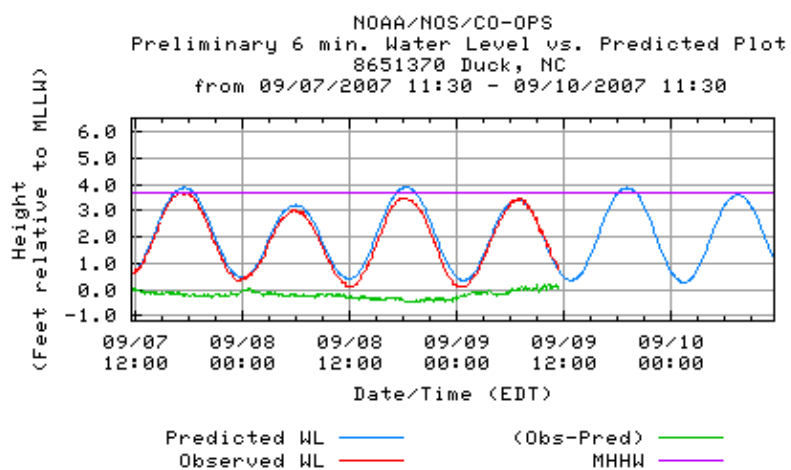


Last Observed Sample: 09/09/2007 11:18 (EDT)

Relative to **MLLW**: Observed: 0.34 ft. Predicted: 0.53 ft. Residual: -0.19 ft.

Historical Maximum Water Level: 09/16/1999, 4.49 ft. above **MHHW**

**Duck, NC - Station Map** [Return to List](#)

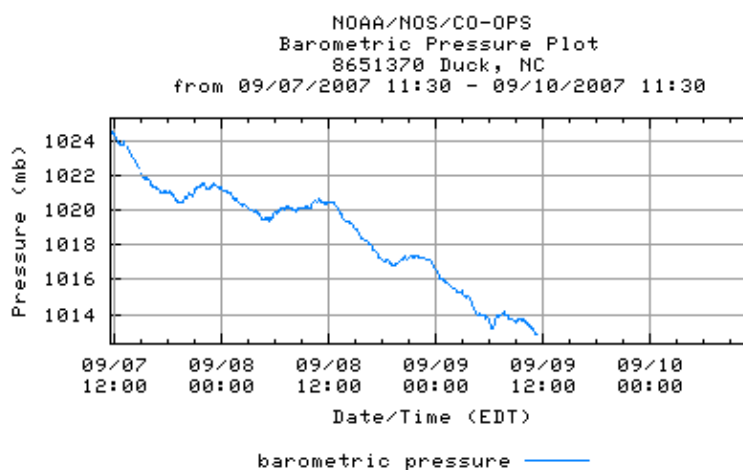


Last Observed Sample: 09/09/2007 11:18 (EDT)

Relative to **MLLW**: **Observed: 0.78 ft. Predicted: 0.74 ft. Residual: 0.04 ft.**

Historical Maximum Water Level: 08/30/1999, 3.23 ft. above **MHHW**

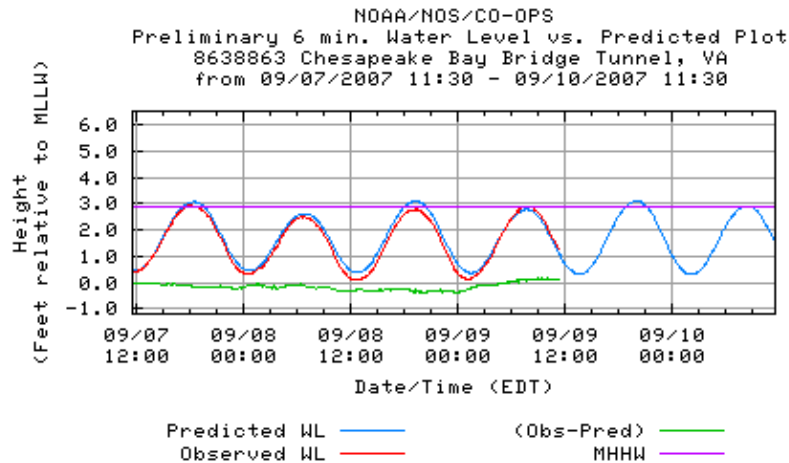
**Duck, NC - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2007 11:18 (EDT)

**Barometric Pressure: 1012.8 mb**

**Chesapeake Bay Bridge Tunnel, VA - Station Map** [Return to List](#)

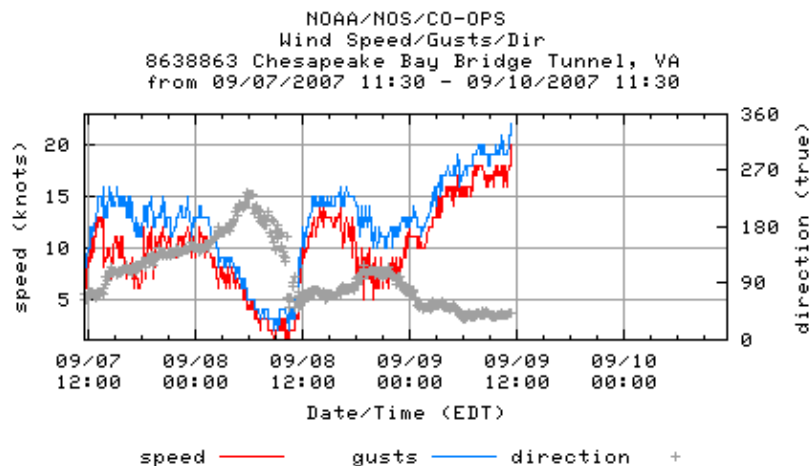


Last Observed Sample: 09/09/2007 11:18 (EDT)

Relative to **MLLW**: **Observed: 1.25 ft. Predicted: 1.10 ft. Residual: 0.15 ft.**

Historical Maximum Water Level: 02/05/1998, 3.68 ft. above **MHHW**

**Chesapeake Bay Bridge Tunnel, VA - Station Map** [Return to List](#)

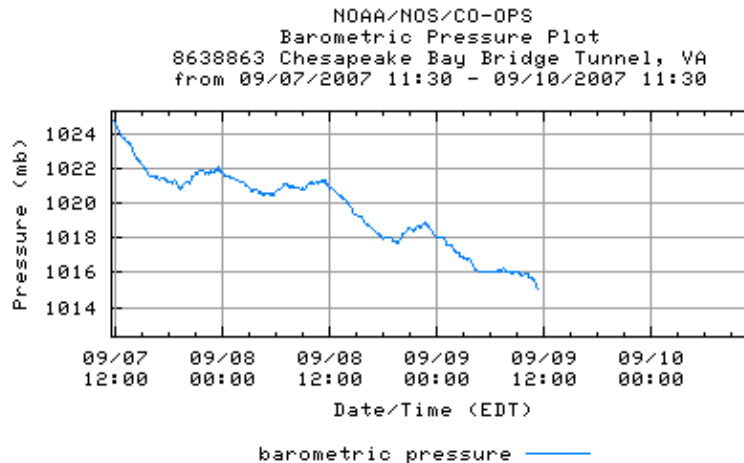


Last Observed Sample: 09/09/2007 11:18 (EDT)

**Wind Speed: 20 knots Gusts: 22 knots Direction: 042° T**



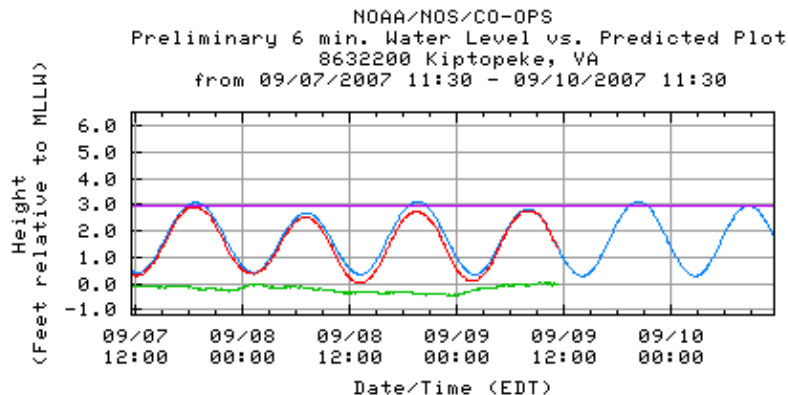
**Chesapeake Bay Bridge Tunnel, VA - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2007 11:18 (EDT)

Barometric Pressure: 1015.1 mb

**Kiptopeke, VA - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2007 11:18 (EDT)

Relative to **MLLW**: Observed: 1.34 ft. Predicted: 1.33 ft. Residual: 0.01 ft.

Historical Maximum Water Level: 03/08/1962, 4.13 ft. above **MHHW**

## Tropical Storm GABRIELLE QUICKLOOK, POSTED 11:30 EDT 09/09/2007

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce